



board including a glass substrate, and an electric circuit constituting element inside the glass substrate, said method comprising steps of

    focusing a laser beam emitted from a laser light source onto a dielectric disposed or to be disposed in said glass substrate through said glass substrate;

    changing a state of said dielectric by irradiation with the laser beam for a short time and  
    adjusting an electric property of the predetermined electric circuit constituting element.

4.       The trimming method of the electric circuit board including the glass substrate according to claim 1, comprising a step of forming a crystal grain and/or a crystal rod in said glass substrate by irradiation with said electromagnetic wave or the laser beam.

5.       The trimming method of the electric circuit board including the glass substrate according to claim 1, comprising a step of partially changing a state of a dielectric disposed and/or to be disposed in said glass substrate and adjusting an electric capacity.

6.       The trimming method of the electric circuit board including the glass substrate according to claim 1, comprising a step of partially cutting a wiring disposed in said glass substrate and adjusting the electric property.

7.       The trimming method of the electric circuit board including the glass substrate according to claim

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8. An electric circuit board including a glass substrate, comprising:

a wiring formed on a main surface and/or a back surface of the glass substrate; a plurality of external connection terminals electrically connected to the wiring;

wherein a state change portion is partially disposed inside said glass substrate.

the glass substrate;

a plurality of external connection terminals formed on the back surface of said glass substrate and electrically connected to the wiring disposed on said main surface; and

an external component connected to some of

said external connection terminals,

wherein a state of said glass substrate is partially changed by irradiation of an electromagnetic wave focusing on the inside of the glass substrate.

10. The electric circuit board including the glass substrate according to claim 8, comprising: a superposed multilayered substrate; an electric capacity disposed on the multilayered substrate; and an electric capacity disposed by a state change in said glass substrate.

11. The electric circuit board including the glass substrate according to claim 10, wherein the electric capacity in said glass substrate is trimmed by irradiation with an electromagnetic wave and a combined electric capacity value is adjusted.

12. The electric circuit board including the glass substrate according to claim 8, wherein said electric circuit board is a liquid crystal panel in which a large number of electric circuit constituting elements are formed.

13. The electric circuit board including the glass substrate according to claim 8, comprising an electrode of an electric capacity formed on said glass substrate after the electric capacity is trimmed by a state change in said glass substrate.

14. A trimming method of an electric circuit board including a glass substrate, comprising:

a process of forming an electric circuit on a

glass substrate;

a process of forming a trimmable passive component;

a process of forming another passive component;

a process of mounting another component;

a process of measuring an electric property of a mounted circuit board;

a process of calculating a trimming amount from a measured value; and

a process of focusing on and irradiating the inside of the glass substrate with an electromagnetic wave based on the calculated trimming amount and subjecting a part of the inside of the glass substrate to state change.

15. A trimming apparatus of an electric circuit board including a glass substrate, comprising:

means for measuring an electric property of a mounted circuit board;

means for calculating a trimming amount from a measured value;

means for focusing on and irradiating the inside of the glass substrate with an electromagnetic wave based on the calculated trimming amount and partially trimming the inside of the glass substrate; and

means for managing information of said measured value and said trimming amount.

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